

DAFTAR PUSTAKA

1. Sherwood L. In: Herman OO, Albertus AM, Dian R editors. Fisiologi Manusia dari Sel ke Sistem. Jakarta: ECG; 2015. p. 730.
2. James R Maulinda, MD, FACP(2018). MedScape. Goiter. <https://emedicine.medscape.com/article/120034-overview#a6>-Diakses pada 28 Agustus 2019.
3. Semiardji, Gatut. Penyakit Kelenjar Tiroid: Gejala Diagnosis dan Pengobatan. Jakarta: Balai Penerbit FKUI. 2008. p. 1-37.
4. Suzuki K, Kawashima A, Yoshihara A, Akama T, Sue M, Yoshida A, et al. Role of thyroglobulin on negative feedback autoregulation of thyroid follicular function and growth. *J Endocrinol*. 2011; 209(2):169-74.
5. Norris DO, Carr JA. The Hypothalamus–Pituitary–Thyroid (HPT) Axis of Mammals. *Vertebr Endocrinol*. 2013; 207–30.
6. WHO reaffirms goal for sustainable IDD elimination. In: International Centre for the control of Iodine Deficiency Disorders (ICCIDD). *IDD Newsletter* 1996; 12: 1-3.
7. Brander A, Vilkinoski P, Nickels J. Gland : US Screening Adult. *Radiology*. 1991;181:683–7.
8. Park JM, Choi Y, Kwag HJ. Partially cystic thyroid nodules: Ultrasound findings of malignancy. *Korean J Radiol*. 2012;13(5):530–5.
9. Pusdatin Kemenkes RI. Infodatin Situasi dan Analisis Penyakit Tiroid. Kemenkes RI. 2015: 3-4.
10. Kelly BS, Govender P, Jeffers M, et al. Risk Stratification in Multinodular Goiter: A Retrospective Review of Sonographic Features, Histopathological Results, and Cancer Risk. *Can Assoc Radiol J*. 2017: 425-30.
11. Sjamsuhidajat, R. and de jong, Wim. Buku Ajar Ilmu Bedah. 2nd ed. Jakarta: EGC; 2004. p. 683-694.
12. Sudoyo, W Aru, et al. Buku Ajar Ilmu Penyakit Dalam. IV. Jakarta : Fakultas Kedokteran Universitas Indonesia, 2006.

13. Guyton, Arthur C and Hall, John E. Buku Ajar Fisiologi Kedokteran. 11 ed. Jakarta: EGC; 2008. p.978-991
14. Ganong WF. Fisiologi kedokteran. 24 ed. Jakarta: EGC; 2012. p. 339- 352.
15. Gardner, DG , Shoback, D . Greenspan's basic & clinical endocrinology. 9 ed. McGraw-Hill Companies. California.
16. Wolff J, Chaikoff IL. Plasma inorganic iodide as a homeostatic regulator of thyroid function. *J Biol Chem.* 1948;174(2):555–564.
17. Wolff J, Chaikoff IL. The inhibitory action of iodide upon organic binding of iodine by the normal thyroid gland. *J Biol Chem.* 1948; 172(2):855.
18. Young WF, JR. The netter collection of medical illustrations: Endocrine System. 2nd ed. Rochester: Elsevier Inc; 2011. p 35-64.
19. Benseñor I. Screening for thyroid disorders in asymptomatic adults from brazilian populations. *Sao paulo medical.* 2002; 120(5):146-51.
20. Mortimer RH, Thyroid function test. *Australian prescriber.* 2011;34(1): 12-15.
21. Verghesse AT, Sudeep K, Malathi M. Concordance between free T4 and T4 in thyroid function tests. *Int J Clin and Biomed Res.* 2016; 2(2): 9-13.
22. Dayan CM. Interpretation of thyroid funtion test. *The Lancet.* 2001; 357: 619-624.
23. Peloquin JM, Wondisford FE. Nontoxic diffuse and nodular goiter. 1th ed. Philadelphia: Saunders Elsevier; 2009. P 339-47.
24. Kaneko, J. J. Thyroid function. *Clinical biochemistry of domestic animals.* 6th ed. California: Elsevier Inc; 2008. p 623–634.
25. Führer D, Bockisch A, Schmid KW. Euthyroid goiter with and without nodules. *Deutsches Aertzteblatt International.* 2012; 109(30): 506-16.
26. Lengkong AC, Pontoh V, Tahulending Z. Gambaran kejadian struma di RSUP Prof. Dr. R. D. Kandou Manado periode juni 2015 – juni 2018. *Jurnal e-Clinic(eCl).* 2018; 6(2):116-120.
27. R. Rossi, P. Franceschetti, I. Maestri, E. Magri, L. Cavazzini, E.C. degli Uberti et al., Evidence for androgen receptor gene expression in human thyroid cells and tumors. *J. Endocrinol.* 148, 77–85 (1996).

28. Knudsen, N., Bulow, I., Jorgensen, T., Laurberg, P., Ovesen, L., & Perrild, H. Goitre prevalence and thyroid abnormalities at ultrasonography: a comparative epidemiological study in two regions with slightly different iodine status. *Clinical Endocrinology*. 2000; 53(4): 479–485.
29. Malboosbaf, R., Hosseinpanah, F., Mojarrad, M., Jambarsang, S., & Azizi, F. Relationship between goiter and gender: a systematic review and meta-analysis. *Endocrine*. 2012; 43(3): 539–547.
30. Dessie G, Amare D, Dagnaw AB, Mulugeta H, Kassa DH, Nagesse A. Prevalence of goiter among children in Ethiopia and associated factors: a systematic review and meta-anaylis. *BMC pub health*. 2019; 1191(19): 1-13.
31. K Rismadi(2011). *Struma*. Repository Universitas Sumatra Utara. <http://repository.usu.ac.id/bitstream/handle/123456789/20013/Chapter%20II.pdf?sequence=4>-Diakses Oktober 2019.
32. Perez C, Scrimshaw NS, Munoz JA. Classification of goitre and tehique of endemic goitre surveys. *Bull World Helath Organ*. 1958; 18(1): 217-32.
33. Edlow AG, Norwitz ER. *Endocrine Diseases of Pregnancy*. 18 ed. Yen & Jaffe's *Reproductive Endocrinology*. 2014. p. 604-650.
34. Hegedüs, L., Bonnema, S. J., & Bennedbæk, F. N. Management of Simple Nodular Goiter: Current Status and Future Perspectives. *Endocrine Reviews*. 2003; 24(1):102–132.
35. Kharchenko VP, Kotlyarov PM, Mogutov MS, Alexandrov YK, Sencha AN, Patrunov YN, Belyaev DV. *Ultrasound diagnostics of thyroid diseases*. 1st ed. Berlin: Springer-Verlag; 2010. p. 19-102.
36. Sencha AN, Patrunov YN. *Thyroid ultrasound: from simple to complex*. 1st ed. Gewerbestrasse: Springer nature; 2019. p. 1-105.
37. Crosby H, Pontoh V, Merung MA. Pola Kelainan Tiroid di RSUP Prof. DR. D. R. Kandou Manado Periode Januari 2013 – Desember 2015. *JurnalE-Clinic (ECI)*. 2016; 1-8
38. Anthony WG, Jill EL, Richard B, Sarah R, Jennifer P, Sogol MM, et al. Diagnostic Accuracy of Ultrasound with Color Flow Doppler in Children With Thyroid Nodules. *J Clin Endocrinol Metab*. 2018; 103(5): 1958-1965.

39. Kushchayeva YS, Kushchayev SV, Startzell M, Cochran E, Auh S, Dai Y, et al. Thyroid Abnormalities in Patients With Extreme Insulin Resistance Syndromes. *The Journal of Clinical Endocrinology & Metabolism*. 2019; 104(6): 2216–2228.
40. Knudsen N, Laurberg P, Perrild H, Bülow I, Ovesen L, Jørgensen T. Risk Factors for Goiter and Thyroid Nodules. *Thyroid*. 2002; 12(10): 879–888.
41. Mark P. J. Vanderpump. The epidemiology of thyroid disease. *British Medical Bulletin*. 2011; 99: 39–51.
42. Tampatty G, Tubagus V, Rondo A. Profil Pemeriksaan Ultrasonografi Pada Pasien Struma di Bagian/SMF Radiologi FK UNSRAT RSUP Prof. DR. R. D. Kandau Manadoo Periode Januari 2018 – Juni 2018. *Jurnal Fakultas Kedokteran Universitas Sam Ratulangi Manado*. 2018: 1-6.
43. Malboosbaf R, Hosseinpanah F, Mojarrad M, Jambarsang S, Azizi F. Relationship between goiter and gender: a systematic review and meta-analysis. *Springer*. 2012; 43(3): 539–547.
44. Kaloumenou I, Mastorakos G, Alevizaki M, Duntas LH, Mantzou E, Ladopoulos C, et al. Thyroid Autoimmunity in Schoolchildren in an Area with Long-Standing Iodine Sufficiency: Correlation with Gender, Pubertal Stage, and Maternal Thyroid Autoimmunity. *Liebert Inc*. 2008; 18(7): 747–754.
45. Tunbridge WMG, Evered DC, Hall R, Appleton D, Brewis M, Clark F, et al. The Spectrum Of Thyroid Disease Ina Community: The Whickham Survey. *Clinical Endocrinology*. 1977; 7(6): 481–493.
46. Fleury V, Melle GV, Woringer V, Gaillard RC, Portmann L. Sex-Dependent Variations and Timing of Thyroid Growth during Puberty. *The Journal of Clinical Endocrinology & Metabolism*. 2001; 86(2): 750-754.
47. Donda A, Reymond F, Rey F, Lemarchand-Be´raud T. Sex steroids modulate the pituitary parameters involved in the regulation of TSH secretion in the rat. *Acta Endocrinol (Copenh)*. 1990; 122: 577–584.
48. Ramey JN, Burrow GN, Polackwich RJ, Donabedian RK. The effect of oral contraceptive steroids on the response of thyroid-stimulating hormone to thyrotropin-releasing hormone. *J Clin Endocrinol Metab*. 1975 ; 40:712–714.

49. Valle LD, Ramina A, Vianello S, Fassina A, Belvedere P, Colombo L. Potential for estrogen synthesis and action in human normal and neoplastic thyroid tissues. *J. Clin. Endocrinol.* 1998; 83: 3702–3709.
50. Maitra A, Kumar V, Kumar V, Cotran RS, Robbins SL. *Robbin Buku ajar Patologi*. Jakarta. EGC. 2012;2(7): hlm 818-24.
51. Nagarkar R, Roy S, Akheel M, Palwe V, Kulkarni N, Pandit P. Incidence of thyroid disorder in India. *International 7 Journal of Dental and Medical Specialty.* 2015;2:19-23.
52. Assagaf SM, Lumintang N, Lampus H. Gambaran eutiroid pada pasien struma multinodosa non-toksik di bagian bedah RSUP Prof. Dr. R. D. Kandou Manado periode Juli 2012 – Juli 2014. *Jurnal e-clinic.* 2015;3:758- 62.
53. Elahi, Shan. A study of goiter among female adolescents referred to Centre for Nuclear Medicine, Lahore. *Pakistan Journal of Medical Sciences.* 2005; 21: 56-62.
54. Dodd NS & Samuel AM. Iodine deficiency in adolescents from Bombay slums. *Natl Med J India* 1993;6(3):110-3.
55. Marwaha RK, Garg MK, Nijhavan VS, Dham DN, Dubey R, Amberdar V. Prevalence of chronic lymphocytic thyroiditis in adolescent girls. *J Assoc Physicians India* 1998; 46(7):606-8.
56. Moon WJ, Jung SL, Lee JH, Na DG, Baek JH, Lee YH, et al. Benign and Malignant Thyroid Nodules: US Differentiation—Multicenter Retrospective Study. *Korean Society of Neuro and Head and Neck Radiology.* 2008; 247(3): 762–770.
57. Iqbal M, Mehmood Z, Rasul S, Inamullah, H Shah SS, Bokhari I. Carcinoma thyroid in multi and uninodular goiter. *J Coll Physicians Surg Pak.* 2010; 20(5):310-312.
58. Tai JD, Yang JL, Wu SC, Wang BW, Chang CJ. Risk factors for malignancy in patients with solitary thyroid nodules and their impact on the management. *J Cancer Res Ther.* 2012; 8(3): 379-383.
59. Dauksiene D, Petkeviciene J, Klumbiene J, Verkauskiene R, Kristapone JV, Seibokaite A, et al. Factors Associated with the Prevalence of Thyroid Nodules

and Goiter in Middle-Aged Euthyroid Subjects. *International Journal of Endocrinology*. 2017; 2017: 8 .

60. Fiore E, Rago T, Provenzale MA, Scutari M, Ugolini C, Basolo F, et al. Lower levels of TSH are associated with a lower risk of papillary thyroid cancer in patients with thyroid nodular disease: thyroid autonomy may play a protective role. *Endocr Relat Cancer*. 2009; 16:1251–1260
61. Boelaert K, Horacek J, Holder RL, Watkinson JC, Sheppard MC, Franklyn JA .Serum thyrotropin concentration as a novel predictor of malignancy in thyroid nodules investigated by fine-needle aspiration. *Journal of Clinical Endocrinology and Metabolism*. 2006; 91: 4295–4301.
62. Polyzos SA, Kappaita M, Efstathiadou Z, Poulakos P, Slavakis A, Sofianou D, et al. Serum thyrotropin concentration as a biochemical predictor of thyroid malignancy in patients presenting with thyroid nodules. *Journal of Cancer Research and Clinical Oncology*. 2008; 134: 953–960.
63. Eden K, Mahon S, Helfand M. Screening high-risk populations for thyroid cancer. *Med Pediatr Oncol*. 2001; 36: 583-591, .
64. Tan GH, Gharib H, Reading CC. Solitary thyroid nodule. Comparison between palpation and ultrasonography. *Arch Intern Med*. 1995; 155: 2418-2423.
65. James EM, Charboneau JW. High-frequency (10 mHz) thyroid ultrasonography. *Semin Ultrasound CT MR*. 1985; 6: 294-309.
66. Reading CC, Gorman CA. Thyroid imaging techniques. *Clin Lab Med*. 1993; 13: 711-724.
67. Hsiao YL, Chang TC. Ultrasound evaluation of thyroid abnormalities and volume in Chinese adults without palpable thyroid glands. *J Formos Med Assoc* 93: 140-144, 1994.
68. Fırat M, Güney E, Özgen AG, Kabalak T. Comparison of Palpation and Ultrasonography in the Diagnosis of Thyroid Nodules. *Turkish Journal of Endocrinology and Metabolism*. 2002; 3: 117-120.